

020604

## UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. **0513-1091**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

**To the Assistant Commissioner of Patents**  
Transmitted herewith for filing is the patent application of:

Inventors: **Alain RENAULT and Paul VANDEBEUQUE**Corresponding to **French** Patent Application No. **03 01382** filed on **February 6, 2003**, the entirety of which application is hereby expressly incorporated by reference in the accompanying application.Title: **HEMISPHERICAL RESONATOR WITH DIVIDED SHIELD ELECTRODE**

Enclosed are:

- ☒ **7** Pages of Specification containing **3** claims
- ☒ **1** Sheets of formal Drawings ☒ Abstract of the Disclosure
- ☐ Submission of English translation of prior provisional application under 37 CFR 1.78(a)(5)
- ☒ Newly executed Oath or Declaration/Power of Attorney
- ☐ Copy of Oath or Declaration/Power of Attorney from a prior application (continuation/divisional)
- ☐ The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied as indicated in the preceding box, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
- ☐ Deletion of inventor(s). A signed statement attached deleting inventor(s) named in the prior application (see 37 CFR 1.63 (d)(2) and 1.33(b))
- ☐ Applicant claims small entity status under 37 C.F.R. § 1.27
- ☒ Application Data Sheet under 37 C.F.R. § 1.76
- ☒ Assignment Papers (cover sheet & document(s))
- ☐ An assignment to \_\_\_\_\_ for parent application no. \_\_\_\_\_ was recorded on \_\_\_\_\_ at Reel \_\_\_\_\_, Frame \_\_\_\_\_
- ☒ Information Disclosure Statement (IDS) w/PTO-1449 - ☒ Copy of IDS citations
- ☐ Preliminary Amendment
- ☒ Itemized Return Receipt Postcard
- ☒ Certified Copy of Priority Document(s)
- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or ii. ☐ paper
- c. ☐ Statement verifying identity of above copies
- ☐ Other Attachment: \_\_\_\_\_

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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> (continued)	Attorney Docket No. 0513-1091
If a CONTINUING APPLICATION, check appropriate box, and supply requisite information below and in a preliminary amendment or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part of Prior Appln. # Prior Application Information:    Examiner:    Tech Center:	
<b>CORRESPONDENCE INFORMATION</b>	
<b>Customer Number: 00466</b>	
Correspondence Address:    Young & Thompson 745 South 23 <sup>rd</sup> Street, Second Floor Arlington, VA 22202 Telephone (703) 521-2297    Facsimile (703) 979-4709	

The filing fee has been calculated as follows:

FOR	NUMBER FILED	NUMBER EXTRA	SMALL ENTITY		LARGE ENTITY	
			RATE	FEE	RATE	FEE
BASIC FEE				\$385.00		\$770.00
TOTAL CLAIMS	<u>3</u> - 20 =	<u>0</u>	\$9.00	\$_____	\$18.00	\$_____
INDEPENDENT CLAIMS	<u>1</u> - 3 =	<u>0</u>	\$43.00	\$_____	\$86.00	\$_____
MULTIPLE DEPENDENT CLAIM FEE			\$145.00	\$_____	\$290.00	\$_____
TOTAL SMALL ENTITY				\$_____		
					TOTAL LARGE ENTITY	<b>\$770.00</b>

- ☒ A Check in the amount of **\$810.00** to cover all fees is attached.
- ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to Deposit account No. 25-0120 in the name of Young & Thompson, as described below. A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17.



Benoit Castel, Reg. No. 35,041

745 South 23<sup>rd</sup> Street  
 Arlington, VA 22202  
 Telephone (703) 521-2297

BC/ia  
 Date: **February 6, 2004**

**TRANSLATION OF THE FRENCH REPORT**  
**French Patent Application No 0301382**

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> granted by the French Patent Office		
G01C19/56		
<b>B. FIELDS SEARCHED</b>		
G01C		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A,D	FR 2 792 722 A (SAGEM) October 27, 2000 (2000-10-27) * the whole document *	1
A	US 4 951 508 A (LOPER JR EDWARD J ET AL) August 28, 1990 (1990-08-28) * the whole document *	1
<p>Categories of cited documents :</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>"X" document of particular relevance even when the document is taken alone.</p> <p>"Y" document of particular relevance when the document is combined with one or more documents.</p> <p>"A" general state of the art.</p> <p>"O" non written disclosure.</p> <p>"P" document published prior to the filing date but later than the priority date claimed.</p> </div> <div style="width: 45%;"> <p>"T" principle or theory underlying the invention.</p> <p>"E" earlier document but published on or after the filing date</p> <p>"D" cited in the application</p> <p>"L" document cited for other special reasons (as specified).</p> <p>"&amp;" document member of the same patent family.</p> </div> </div>		
Date of the actual completion of the search October 20, 2003		Examiner : Yosri, S